

1763

Patent  
Attorney's Docket No. 015290-517

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of ) **BOX: AMENDMENT**  
Tuqiang Ni et al. ) Group Art Unit: 1763  
Application No.: 09/788,365 ) Examiner: Zervigon, Randy  
Filed: February 21, 2001 ) Confirmation No.: 3359  
For: GAS INJECTION SYSTEM FOR )  
PLASMA PROCESSING )

RECEIVED  
DEC 12 2002  
TC 1700

AMENDMENT/REPLY TRANSMITTAL LETTER

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is a reply for the above-identified patent application.

- ☐ A Petition for Extension of Time is also enclosed.
- ☐ A Terminal Disclaimer and a check for ☐ \$55.00 (2814) ☐ \$110.00 (1814) to cover the requisite Government fee are also enclosed.
- ☐ Also enclosed is \_\_\_\_\_
- ☐ Small entity status is hereby claimed.
- ☐ Applicant(s) request continued examination under 37 C.F.R. § 1.114 and enclose the ☐ \$370.00 (2801) ☐ \$740.00 (1801) fee due under 37 C.F.R. § 1.17(e).
- ☐ Applicant(s) previously submitted \_\_, on \_\_, for which continued examination is requested.
- ☐ Applicant(s) request suspension of action by the Office until at least \_\_, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
- ☐ A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (146/246) is also enclosed.
- ☒ No additional claim fee is required.

☐ An additional claim fee is required, and is calculated as shown below:

AMENDED CLAIMS					
	NO. OF CLAIMS	HIGHEST NO. OF CLAIMS PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	ADDT'L FEE
Total Claims	14	MINUS 20 =	0	× \$18.00 (1202) =	0
Independent Claims	2	MINUS 3 =	0	× \$84.00 (1201) =	0
If Amendment adds multiple dependent claims, add \$280.00 (1203)					
Total Amendment Fee					0
If small entity status is claimed, subtract 50% of Total Amendment Fee					
TOTAL ADDITIONAL FEE DUE FOR THIS AMENDMENT					0

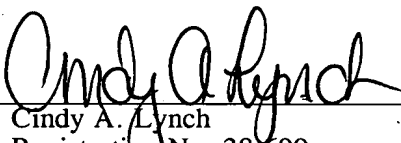
☐ A claim fee in the amount of \$\_\_\_\_\_ is enclosed.

☐ Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:   
Cindy A. Lynch  
Registration No. 38,699

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(650) 622-2300

Date: December 9, 2002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

Tuqiang Ni et al.

Application No.: 09/788,365

Filed: February 21, 2001

For: GAS INJECTION SYSTEM FOR  
PLASMA PROCESSING



Group Art. Unit: 1763

Examiner: Zervigon, Rudy

Confirmation: 3359

# 715  
12/13/02  
nm

RECEIVED  
DEC 12 2002  
TC 1700

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated September 10, 2002, please amend the above-identified application as follows:

In the Claims:

Please cancel Claims 26 and 27 without prejudice or disclaimer of the subject matter contained therein.

Please amend Claim 25 as follows:

25. (Amended) A gas injector for supplying process gas to a plasma processing chamber wherein a semiconductor substrate is subjected to plasma processing, the gas injector comprising:  
gas injector body sized to extend through a chamber wall of the processing chamber such that an axial distal end surface of the gas injector body is exposed within the processing chamber, the gas injector body including a plurality of gas outlets adapted to supply process gas into the processing chamber, the gas outlets including a center gas outlet extending in the axial direction and a plurality of angled gas outlets extending at an acute

Handwritten initials "DVB" and a checkmark.

Handwritten letter "d".